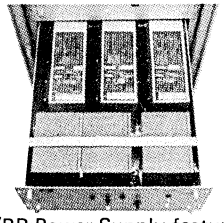
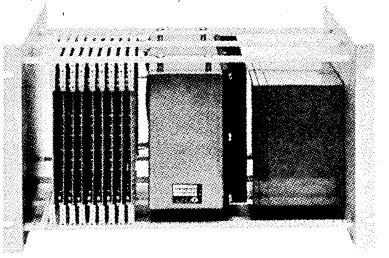
in-PS POWER SUPPLIES

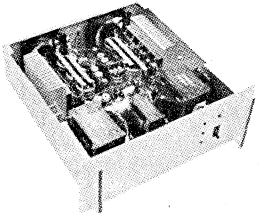
The in-Series Memory Systems are designed in modular form to allow conversion into a variety of sizes and configurations. In order to accommodate these various memory sizes, Intel has designed standard power supply modules for use in configuring these systems. The following photographs show standard power supply modules that are available. Contact your Intel Memory Systems representative for your particular application.



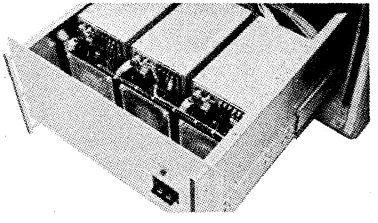
The in-OPS-3/BB Power Supply features a capacity to power up to 65k x 27 or 32k x 54 bits of Memory and has the capability of being powered by a battery in case of AC power failure. The battery back-up for a fully populated system is for a one hour period. This power supply is 8¾" high and is mountable in a 19" relay rack. It also has a circuit breaker switch and indicator light mounted on the front for easy use. It is recommended for use with the in-10 Series of memory.



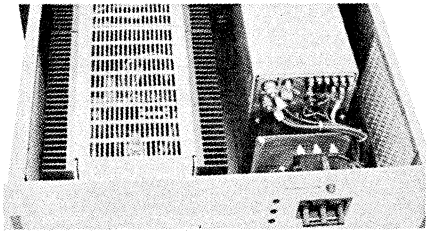
The in-OPS-1 Power Supply is available in a 19" relay rack and it is shown mounted next to its memory and battery back-up. This power supply is capable of powering 32k x 18 or 65k x 9 (8 in-10) memory cards. This chassis with power supply is 10.5" high and 12" deep and includes memory system, power supply, and battery. It is recommended for use with the in-10 Series of memory.



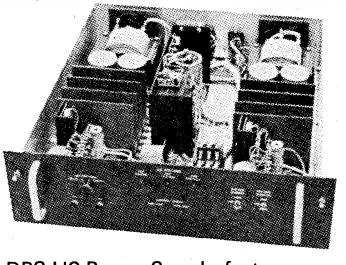
The in-DPS-3 Power Supply designed to provide voltage for up to 190k x 9 or 96k x 18 using individual supplies for each voltage level. This supply is 7" high and is 19" rack mountable. It features a circuit breaker and individual indicator lights mounted on the front. It also has its own internal cooling. It is recommended for use with the in-10 Series of memory.



The in-SPS-8 Power supply is a highly efficient power system designed to provide 1800 watts of power. This supply has +5.0V, −5.0V and +12.0V available and is contained in an 8¾" high chassis that is mountable in a 19" relay rack. It features its own internal cooling and is recommended for use with the in-60A memory systems.



The in-DPS-5/2 Power Supply provides 1800 watts of power in two 8¾" drawers. Shown here are the V_{CC} + V_{SS} portion of the system. It is mountable in a 19" relay rack and has its own internal cooling. It is recommended for use with large in-10 Series memory systems.

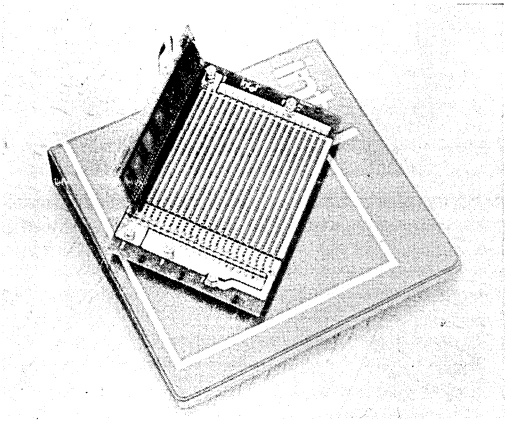


The in-DPS-U2 Power Supply features remote control options for power turn on and off, Voltage Margining, over-temperature sensing, and is only 5¼" high. Specially designed for use with the in-10 Series, it will power up to 65k x 18 of memory. All switches are located on the front of the unit for easy use. Mountable in a 19" relay rack.

The in-series is available in card chassis and with power supplies that are modular and can be mounted alongside, below, or behind the memory cards. Other accessories, like extender boards, interface boards and fan assemblies, are also available. Details on these are listed below.

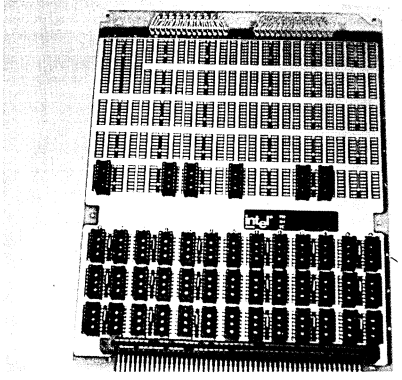
in-Series Interface Connector

This unique connector scheme is designed to provide inexpensive, yet reliable, interconnections to the in-Series memory systems. This connector fits over the in-Series back panel wire wrap pins and forms a tight interconnection. This connector is then fitted with flat cable for connection to other parts of the application with which it is being used.



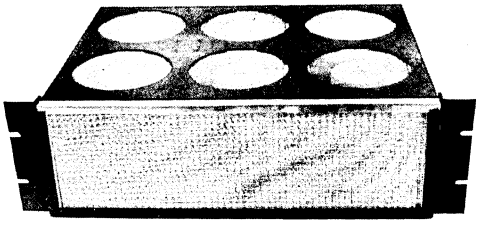
in-10 Series Interface Board

This board is designed for use in assembling custom interfaces to use with in-10 series memory systems. This interface board can be used with I.C. sockets with up to 18 pins and can be wire-wrapped for quick interface connections. This I/O board plugs directly into the in-10 series connector slots. There are also 2 slots available for up to 40 pin sockets.



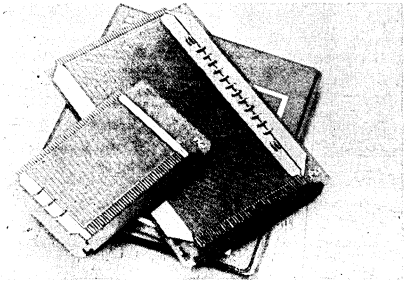
in-Series Fan Assembly

This fan assembly is designed for mounting in a 19" relay rack and is used for blowing air or sucking air upward through the in-series card chassis. This unit can receive air from the front, rear or underneath and send adequate air flow through up to 4 card chassis stacked upon each other.



in-Series Extender Board

This extender board is designed to provide the user with full access to any in-series memory card. This extender board plugs directly into the back panel connector and allows full view of any of the in-series cards.



in-Series MT-10 System Exercisor

This system exercisor is designed to test up to 36 bits of information and address up to 262k words of memory. This tester is mountable on the front of the memory unit by use of self-contained magnetic devices and plugs directly into the memory system.